# MATHEMATICS

Term 1 **GRADE 11 Core** 2012-2013

MAT-300

Book: Algebra 2 ©2012

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6 Periods / Week

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| **Wk 1**  (Sep 9 – Sep 13) | 12.7 Graphing Trigonometric Functions (5 Periods)  SAT ( 1 Period) |
| **Wk 2**  (Sep 16 – Sep 20 ) | 12.7 Graphing Trigonometric Functions (1 Period)  12.8 Translations of Trigonometric Graphs(4 Periods)  SAT ( 1 Period) |
| **Wk 3**  (Sep 23 – Sep 27) | 12.8 Translations of Trigonometric Graphs(2 Periods)  12.9 Inverse Trigonometric Functions (2 Periods)  13.1 Trigonometric Identities(1 Period)  SAT ( 1 Period) |
| **Wk 4**  (Sept30 – Oct 4) | 13.1 Trigonometric Identities(5 Periods)  SAT ( 1 Period)  Internal Quiz 1 |
| **Wk 5**  (Oct7– Oct 11) | 13.2 Verifying Trigonometric Identities( 5 Periods)  SAT ( 1 Period) |
| **Wk 6**  (Oct14 – Oct 18) | **System Wide Quiz**  13.2 Verifying Trigonometric Identities( 1 Period)  13.3 Sum and Difference of Angles Identities( 4 Periods)  SAT ( 1 Period) |
| **Wk 7**  (Oct21 – Oct 25) | 13.3 Sum and Difference of Angles Identities( 2 Periods)  24 - 25 Oct Arafat & Eid Al Adha - TBC |
| **Wk 8**  (Oct28 – Nov 1) | 13.4 Double-Angle and Half-Angle Identities(5 Periods)  SAT ( 1 Period) |
| **Wk 9**  (Nov 4 – Nov 8) | 13.4 Double-Angle and Half-Angle Identities(1 Period)  13.5 Solving Trigonometric Equations (4 Periods)  SAT ( 1 Period)  Internal Quiz 2 |
| **Wk 10**  (Nov 11 – Nov 15) | 15 Nov Hijri New Year  13.5 Solving Trigonometric Equations (3 Periods)  SAT ( 1 Period) |
| **Wk 11**  (Nov 18 – Nov 22) | 5.1 Operations with Polynomials (4 Periods)  5.2 Dividing Polynomials (1 Period)  SAT ( 1 Period) |
| **Wk 12**  (Nov 25 – Nov 29) | 5.2 Dividing Polynomials (5 Periods)  SAT ( 1 Period) |
| **Wk 13**  (Dec 3– Dec 6) | 2 Dec National Day  Revision (4 Periods) |
| **Wk 14**  (Dec 9 – Dec 13) | End of Term-1 Exams |